

## Stop and restart a Listener Port in WAS

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<http://www.ibm.com/support/docview.wss?uid=swg27024297>

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### +++ Objective

The objective of this technical document is to describe in detail how to stop and restart a Listener Port in WebSphere Application Server V7 and V8.

### +++ Summary

Login to the WAS Administrative Console

Application servers > server1 > Communications > Messaging > Message listener service  
> Listener Ports

Select the desired Listener Port and click Start or Stop

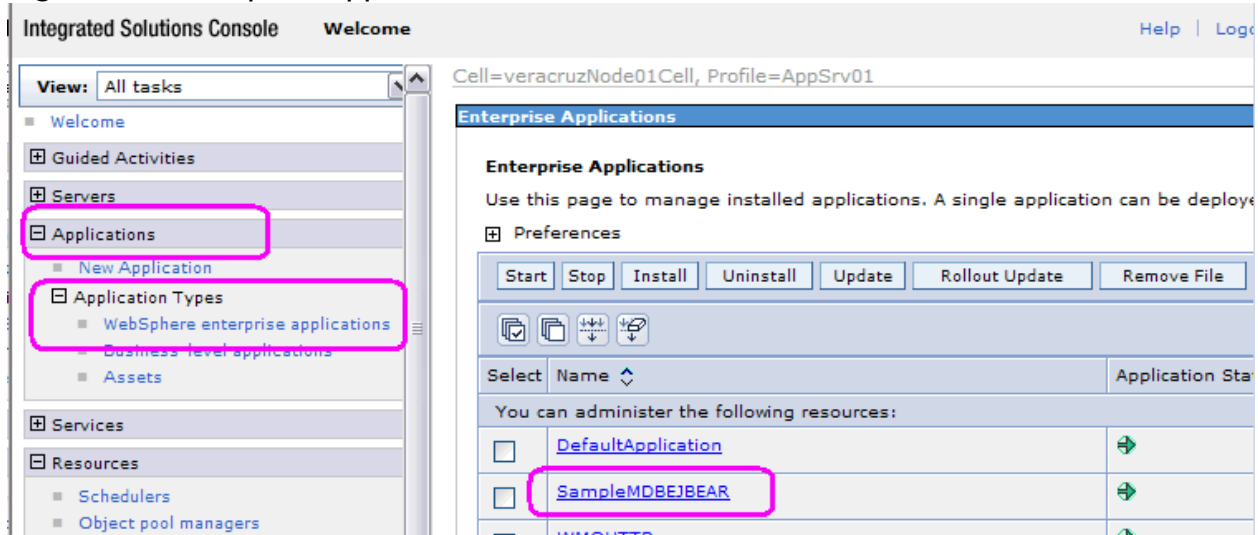
+++ Detailed procedure

+ 1: Identify the Listener Port associated with the desired MDB

Login to the WAS Administrative Console

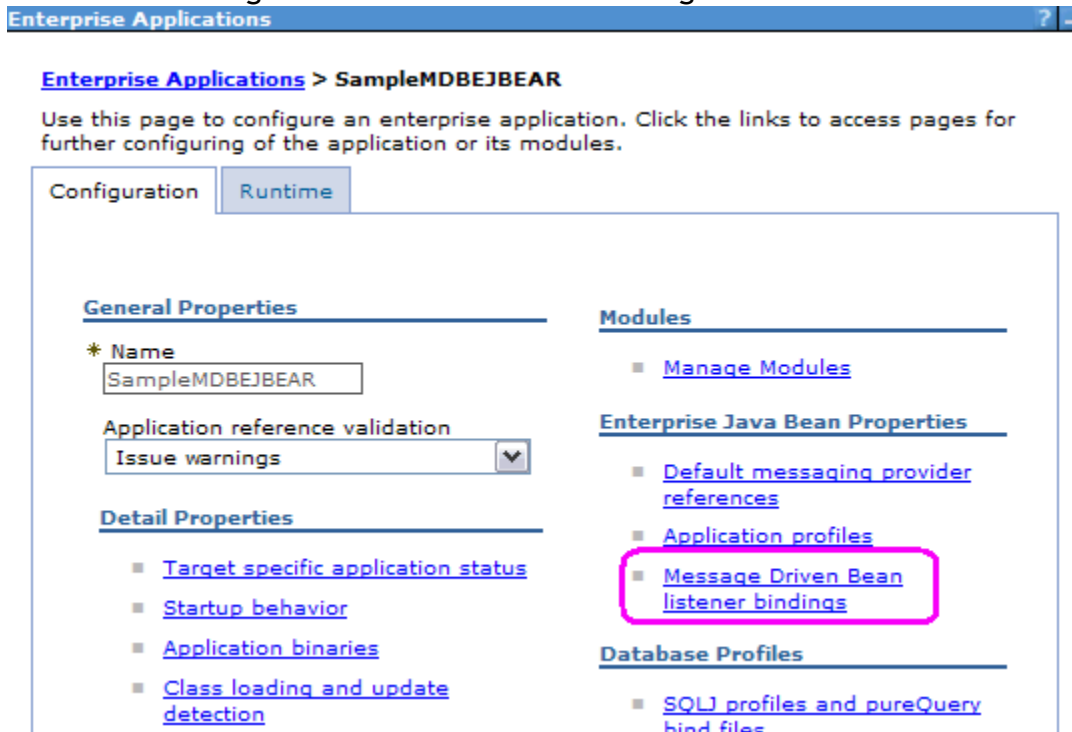
Left side: Applications > Application Types > WebSphere enterprise applications

Right side: Enterprise Applications > Select the desired MDB



- Confirm that the MDB is associated with a Listener Port.

- Click on "Message Driven Bean listener bindings"



- Ensure that the radio button is selected for: Listener Port

Applications

rise Applications > SampleMDBEJB > Message Driven Bean listener bindings

Message Driven Bean listener bindings

A message-driven enterprise bean in your application or module must be bound to a listener port name or to an activation specification JNDI name. When a message-driven enterprise bean is bound to an activation specification JNDI name you can specify the destination JNDI name and authentication alias.

Apply Multiple Mappings

id	EJB module	EJB	URI	Messaging type	Listener Bindings
	SampleMDBEJB	SampleMDB	SampleMDBEJB.jar,META-INF/ejb-jar.xml	javax.jms.MessageListener	<input checked="" type="radio"/> Listener port Name <input type="text" value="SampleMDBQueueLP"/> <input type="radio"/> Activation Specification Target Resource JNDI Name <input type="text" value="jms/SampleMDBQueueA"/> Destination JNDI name <input type="text"/> ActivationSpec authentication alias <input type="text"/>

+ 2: Start a Listener Port

A WebSphere Application Server Listener Port is not a JMS administrative object and thus, it is not stored in the JNDI directory service.

Rather, it is an object under the "server" of WebSphere Application Server.

The short cut is:

Application servers > server1 > Message listener service > Listener Ports

The full procedure is described below.

From the left panel, select:

Servers > Server Types > WebSphere application servers

The screenshot shows the Integrated Solutions Console interface. The left-hand navigation pane is expanded to show the following structure:

- View: All tasks
- Welcome
- Guided Activities
- Servers**
  - Server Types**
    - WebSphere application servers**
    - WebSphere MQ servers
    - Web servers
- Applications
- Services
- Resources
- Security

The right-hand pane displays the 'Application servers' page for the cell 'veracruzNode01Ce'. It includes a title bar 'Application servers', a description 'Use this page to view of each of these serv application server.', and a 'Preferences' section. Below this is a table with columns 'Name' and 'No'. The table contains one entry: 'server1'. The 'server1' text in the table is circled in blue. At the bottom of the table, it says 'Total 1'.

From the right panel, click on the appropriate server, in this case, “server1”. The Configuration tab will display the main information on the server:

The screenshot shows the configuration page for the 'server1' application server. The breadcrumb path is 'Application servers > server1'. The page title is 'Application servers > server1'. Below the title, there is a description: 'Use this page to configure an application server. An application server is a server that provides services required to run enterprise applications.' There are two tabs: 'Runtime' and 'Configuration', with 'Configuration' being the active tab. The configuration is divided into two main sections:

- General Properties**
  - Name: server1
  - Node name: veracruzNode01
  - Run in development mode
  - Parallel start
- Container Settings**
  - Session management
  - SIP Container Settings
  - Web Container Settings
  - Portlet Container

You need to scroll down to reach the section “Communications”

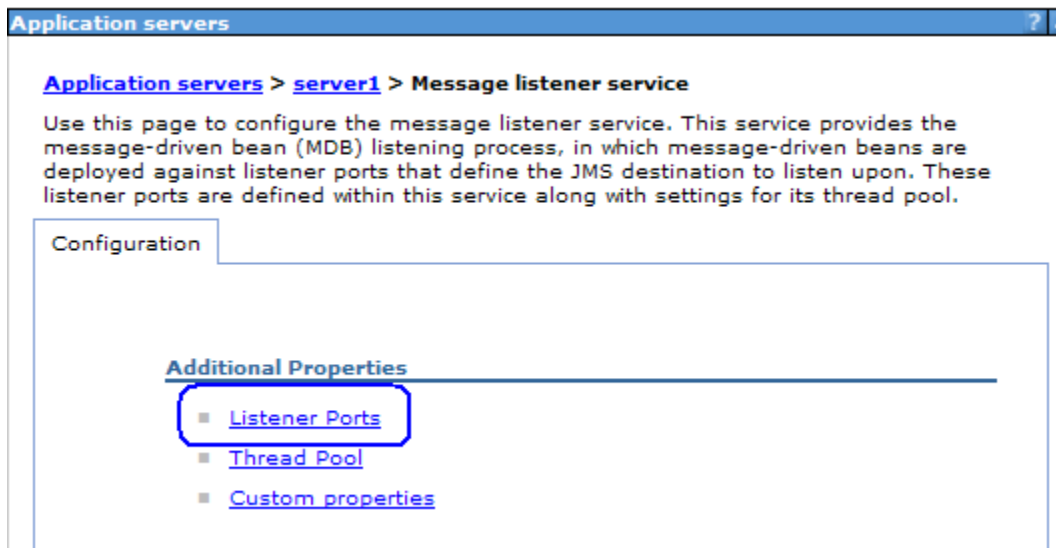


Click on “Messaging”



Click on “Message listener service”

In the “Message listener service”, click on: Listener Ports



Click on Listener Ports

Select the desired Listener Port and click on Start

Application servers

Messages

Listener port SampleMDBQueueLP stopped successfully.

**Application servers > server1 > Message listener service > Listener Ports**

Use this page to configure listener ports upon which message-driven beans listen for messages. Each port specifies the JMS connection factory and JMS destination that a message-driven bean, deployed against that port, listens upon.

Preferences

Convert to activation specification New Delete **Start** Stop

Select Name Description Connection factory JNDI name Destination JNDI name Status

You can administer the following resources:

Select	Name	Description	Connection factory JNDI name	Destination JNDI name	Status
<input checked="" type="checkbox"/>	<a href="#">SampleMDBQueueLP</a>		jms/SampleMDBConnectionFactory	jms/SampleMDBQueue	✖
<input type="checkbox"/>	<a href="#">SampleMDBTopicLP</a>		jms/SampleMDBConnectionFactory	jms/SampleMDBTopic	✖

Total 2

The status for the Listener Port will change from Red to Green:

Convert to activation specification New Delete Start Stop

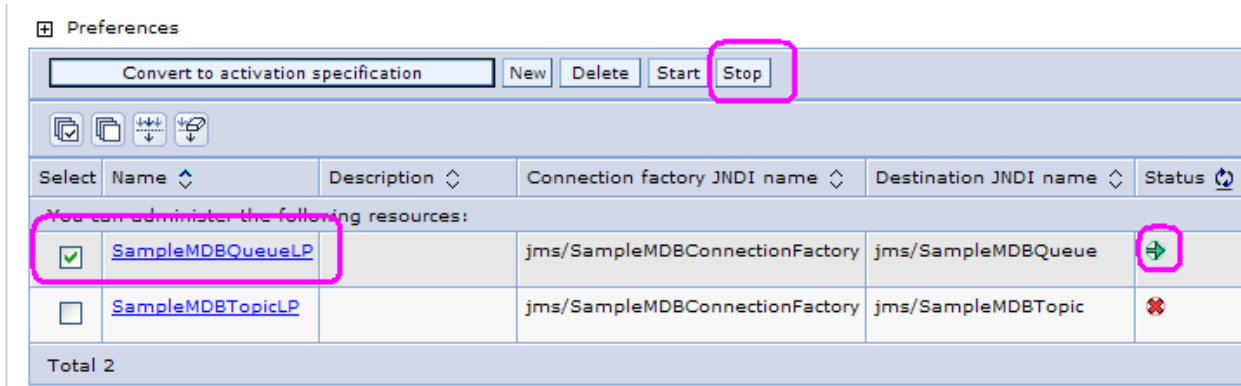
Select Name Description Connection factory JNDI name Destination JNDI name Status

You can administer the following resources:

Select	Name	Description	Connection factory JNDI name	Destination JNDI name	Status
<input type="checkbox"/>	<a href="#">SampleMDBQueueLP</a>		jms/SampleMDBConnectionFactory	jms/SampleMDBQueue	✔
<input type="checkbox"/>	<a href="#">SampleMDBTopicLP</a>		jms/SampleMDBConnectionFactory	jms/SampleMDBTopic	✖

### + 3: Stopping a Listener Port

Select the desired Listener Port and click on Stop.



+++ end +++